

the CARRIER



ARRL SPECIAL SERVICE CLUB

Volume XXXIX - Issue 10 - October 1992

Editor - Greydon H. Hicks, KC6SLE

Distribution: Jay Caldis, KT6Y, Walt Ebbett, KB6QIB,
and George Jones, KI6YK

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M.D.A.R.C. BOARD OF DIRECTORS

MEETING

SEPTEMBER 29, 1992

7:30 PM

Board members present:

President - Pete Tormey
Vice-President - Richard Shappee
Secretary - Walt Ebbett
Treasurer - Stan Christian
Directors - Dick Brown
Membership Cmt. - George Jones

Minutes approved as printed. Pacificon '92 was discussed and is doing quite well. Banquet tickets sold out and only a few hotel rooms left.

Nomination for Officers for 1993 are:

President - Dick Schulze
Vice-President - Dick Tomsik
Treasurer - Stan Christian
Secretary - Tom Seabury
E.C. - John Stuart
Board Member - Pete Tormey

By-laws are to be apart of the new directory.

There will be a ballot insert in the October Carrier.

It was M.S.P. that items in the Carrier may be duplicated. The Editor will not accept matter that is copy righted and if copy righted items are received, the Editor will go back to the author to the

have the copy right removed. The Carrier is limited to 6 pages.

VP Shappee said the October meeting will be informal with a display of the "Foot and Fanny Key". The November meeting will be the doctors and the December meeting will be the annual Christmas Party and Dinner. The Christmas Party program was discussed, and names for awards committee were submitted. The main menu will be Turkey.

Treasurer reported a \$4,177.77 bank balance. The budget was accepted. Approximately \$490 was made on September's Auction.

George Jones reported membership is at 477.

Under new business, a discussion was held on "Is There A Way For Big Clubs To Present Areas Of Interest To The Membership Compared To Small Clubs?" Two suggestions were an Experimenters Club and Specialized Areas Committee.

VP Richard mentioned he is thinking about writing an article on how to but on a Convention.

Next meeting is scheduled for October 20th at President Tormey's home.

Meeting closed at 9:37 PM

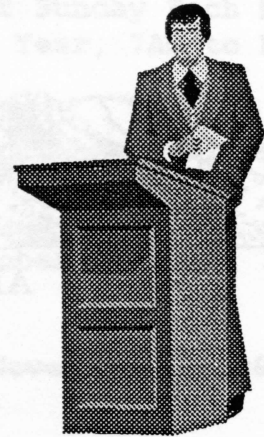
Respectfully submitted;

WALTER W. EBBETT, JR, Secretary

Friday Night at PACIFICON '92!

The Mount Diablo Amateur Radio Club has selected emergency preparedness as the theme for this year's PACIFICON. MDARC as well as the Amateur Radio community are committed to providing a SERVICE to the community. To provide this service we must be prepared ourselves. To help you get prepared, MDARC is sponsoring an emergency preparedness symposium for the opening night of PACIFICON.

An interesting program has been lined up to give you a lot of insight into what has happened at previous disasters and what we can expect in the future. Remember -- Friday evening's symposium is not limited to Amateur Radio topics. Come and bring a friend.



Friday Evening Schedule of Events.

Opening Comments and General Welcome - 6PM

Nancy Gore, Mayor of Concord, and Pete Tormey N6QGN Pres. MDARC

"Communications after Hurricane Andrew."

Presented by Nicholas Peake of the American Red Cross

"Pacific Bell Responding to Disasters"

Presented by Mike Caren of Pacific Bell

"Public Utilities - How Disaster Policy is Formed"

Presented by Ron Grasser of the Utility Policy Committee

"Civil Response to Disaster. What to expect from local government"

Presented by Janet Grenslett of Contra Costa County OES

"Lessons Learned from Loma Prieta and the Oakland firestorm."

Presented by Art Botterell KI6WE

There will also be a group of exhibitor with emergency preparedness equipment. Please check the video bulletin board and signs outside each room for last minute schedule changes.

Volunteers Needed!

PACIFICON still needs volunteers to help with the convention. In particular we need people to help at the front desk, facilitate technical sessions, work the special event station (sounds like fun!), or run ATV cameras. We also need some general help setting up Friday evening. Please call Pete N6QGN at 680-0920 if you can help. Thanks.

The Carrier is published as a service to our members and the Amateur Radio community at large. It is the MDARC's policy that any article published in "The Carrier" may be freely copied and distributed.

MEMBERSHIP DIRECTORY UPDATE

by George Jones, K16YK

MDARC is pleased to welcome the following new members:

HILLYARD, Steven A. (Steve); SWL awaiting call and Technician's license; 338 Birchwood Dr., Moraga, CA 94556; (510)631-0816(h), (415)894-5965(w)

LECK, Paul; SWL; P.O. Box 901, Alamo, CA 94507 (510)943-5325(h)

RONAN, John T. III; K3ZJJ, Extra
721 Grizzly Terrace Dr., Oakland, CA 94611-1060
(510)649_9045(h), (510)781-7900 x 1432(w)

ZARAKOV, Milo; KD6MMF, Technician
391 Crest Ave., Walnut Creek, CA 94595
(510)937-1470(h), (510)294-7010(w)

Congratulations to the following on their upgrade and/or new call:

Dwayne Mc Glothin: General

Mary Peterson: General

Jacque Pillon: Technician, KD6NDS

MINUTES of GENERAL MEETING
Mt. Diablo Amateur Radio Club

September 18, 1992

Because of PacifiCon '92 in October, the Auction was held in September.

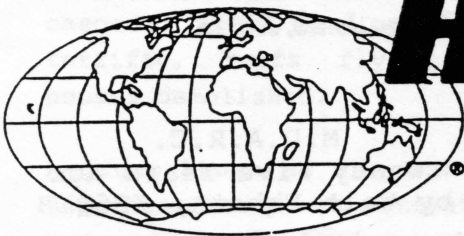
The Auction was opened at 7PM by Pres. Pete Tormey. A short business meeting was opened at 7:55 PM for nominations from the floor for officers for 1993. Being none, the business meeting was closed at 7:58 PM and the auction resumed. Officers present were: Pres. Pete, V.Pres. Richard, Secty. Walt, Treas. Stan, EC Skip Slates, Directors Dick Brown and Larry Ganz.

There were 167 present for the Auction. Auctioneers were Auction Chmn. Paul Girard, Art Mayhoff and Dennis Fuller, who kept the bidding going at a rapid pace.

After the auction, the raffle was held.

Meeting closed at 10:30 PM.
Respectfully submitted,
Walter W. Ebbett, Jr., Secty.

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HEKATON BICYCLE CLASSIC

For the past 20 years the Valley Spokesmen Bicycle Touring Club has been conducting one of the premier bike events in Northern California: the Hekaton Classic. By now, this event has evolved to the point where it actually consists of 5 different rides all going on at the same time: 25 miles, 100 kilometers, hilly 70 miles, "flat" 100 miles and hilly 100 miles.

This year's 21st Hekaton, conducted on September 6th, drew about 1,500 participants and had bikers spread out over large areas of Alameda and Contra Costa Counties. Organizing radio communications for an event of this magnitude was facilitated by pooling the resources of Livermore and Contra Costa County RACES, MDARC and Livermore Amateur Radio Klub (LARK). Further, the Contra Costa Repeater Association (CCRA) cooperated by providing the facilities of their linked 2 meter repeater system so that operators anywhere on the courses could communicate with all other operators.

There were 2 Hams acting as net control (Jay Caldis, KT6Y and George Jones, KI6YK). Seven Hams operated from Check Points (Jim Sheley, KA6DXY, Jerry Benterou, KK6WB, John Reehl, N6OPL, Clancy Soucie, N6FQQ, Paul Dickey, N6JOX, John Stuart, KM6QX and Howard Mount, N6PYR). An additional 7 Amateurs operated from the vehicles of the sag drivers (Ron Susztar, N7TVE, Eliot Ross, WA6PYH, Gregg Tate, WA5OQZ, Walt Moser, AB6GI, Greg Nelson, WB6MBD, John Rose, KB6MXR and Dick Schulze, AA6DL). Additionally, there were 2 alternate operators standing by in the event they were needed (Russ Hockins, KA6FOY and Bill Hockins, KB6EPG).

Officials of the Valley Spokesmen expressed their heartfelt thanks to the Hams for providing a service that allowed them to conduct this outstanding event with barely a hitch and no serious injuries.

And the Hams were glad to have the opportunity for RACES members from adjacent jurisdictions to again work with each other as well as neighboring clubs to better get to know each other. Good job, fellows. And thanks for helping out!

- George Jones, KI6YK

DOG-DAYS DUATHLON

Early on a cool Sunday morning, August 30th, 5 MDARC Hams gathered to assist in one of the most interesting public service events for which we have been asked to provide communications. The Kaleidoscope Activity Center of Dublin for disabled youth was putting on their 1st annual Dog-Days Duathlon and needed communications assistance to help with the safety and welfare of the more than 500 participants of this grueling event. Consisting of a 3 mile run, followed by a 12 mile bike ride, followed by a 1 mile run, this event coursed through Bishop Ranch Business Park and the streets of San Ramon. Hams were asked to interface with event officials, San Ramon Police, the ambulance and the sweep vehicle. Fortunately, there were no major problems or accidents and the Duathlon, which was raising funds for the Kaleidoscope Center and the California High School Cross-country Team, proceeded very smoothly.

The Hams conducted most of their traffic on 2 meters simplex, but also used the K6TI South County RACES Repeater.

Radio operators for this event were the following: George Jones, KI6YK; Howard Mount, N6PYR; Walt Ebbett, KB6QIB; Steve Donovan, WB6SAI; John Stuart, KM6QX; and Stan Poland, N6ZA. Thanks, fellows!

- George Jones, KI6YK

M.D.A.R.C.

Twenty Five Years Ago
by Walt Ebbett, KB6QIB

It was reported that the Treasurer was not present at the Board Meeting so the bank balance was intact.

W6CX repeater operated on 147.8 input and 146.94 output.

Dave Bradley, Bob Kell W6PJT, Bob Schwartz, Dave Domes W6LNK, Wendell Petersen K6POU and Don Schelalsseo WA6UFW helped at the Air Races at Buchanan Field last month.

Fourteen MDARC members helped with communications at the Walnut Festival.

HAMS AND INICKI

On the evening of 10 September 1992 the residents of the Island of Kauai went to sleep thinking this wild Hurricane was going to miss this Paradise of the Pacific. The next morning most started their workday in a normal fashion. However, this was not long to be, for they had sudden warnings from the weather stations that this maverick had suddenly made a 90 degree turn and was heading directly for the center of the Garden Isle. The incoming reports grew worse by the minute and attempts to secure the hatches were made by everyone. Winds were picking up rapidly, clouds scudding like rampaging cattle, rain sounding a drum corps tattoo and the forecasts were ominous. All flights to and from the Islands were halted. Reports of winds in this wildness, reaching 200 MPH and over were being reported by the NWS. Average winds of 165 MPH were common place. The terror slammed into the Isle and rain cascaded down. Destruction was terrific, roofs flying away and houses demolished.

A group known as the U.N. Disaster Readiness Group was activated by the U.N. and authorized by the FCC to take possession of 14,268 Khz with 5 Khz on either side as clear frequencies. The watch started as soon as the hurricane was out to sea. W6KFV, John Norbach was net control and liason with the U.N. Many of us joined the watch since there was nothing but silence coming from the Garden Island. It took about 24 hours before the first Ham showed up. He was at Hanapepe Heights and

running, of course, on generator power. His was the first description of the destruction. I heard it about three hours later on CNN. They had copied the information from WH6PH. A bit later W6KPI/KH6HV, Jim, came up with an excellent signal from his TS950SDX. Located in Koloa, hard hit by the storm, his Quad antenna went down and was bent out of shape. The pole was standing and from the Quad remains Jim rigged a driven element pointing straight skyward. His signal was the strongest heard here usually from S9 to S9+20. N6NS was weakly heard from near the lighthouse, running on batteries. Gradually others were copied and a 2 meter link established to Oahu. The first news of the safety of our family came from Oahu over this link and then delivered by telephone. We copied and delivered countless messages from families who were safe but their homes gone or very severely damaged. There were few roofs left on the Island. Mid-week of the first week an electromagnetic storm on the sun wiped out all propagation. Many times I could copy the Island station but not the net control. Everything was facilitated by relays. I phoned messages as fast as possible to the recipients including one to Puerto Rico. No water, no power, no phones, 90 per cent destruction has made this Garden Paradise a very difficult place to live.

You, as Hams, can be very proud of the Net Controls, W6KFV, W7DNY, K6LAE, a W4 whose call I could not get, several others whom I could not hear because of propagation. Also,

the numerous Island stations who were handling a tremendous load 24 hours a day. Not forgetting, the receiving operators on the Mainland who supported each other with relays or taking over when the original station could not copy. With all the unhappiness we have here with jamming and other interference, you would have had great pride in the cooperation of amateurs who, unaware of the vital nature of the net, started to call someone. A quick word and a request for them to move away from 14268 was met with instant compliance in almost every case. As time past the word spread and you did not hear stations coming on near that frequency. Another challenge was hurled at Amateur Radio and it was not found wanting. The complete story would take pages to tell. The RACES-ARES trained operators were spotted immediately. INCKI blew, rain poured, thousands are homeless but the Amateur Service proved to INCKI who was the greater.

.....Carson C. Taylor K6TI.....
OOC East Bay.....

Local man relays radio messages from Kauai

By Carol E. Robinson
 Staff writer

DANVILLE — An amateur radio operator is helping residents of the Hawaiian island of Kauai let relatives on the mainland know they've survived Hurricane Iniki.

Carson Taylor, 79, began listening to outgoing messages broadcast from the storm-ravaged island Sunday. Taylor, working through the United Nations disaster relief amateur radio network, said he heard the first message from a man in the community of Hanapepe Heights, who described the devastation.

"That was the first news that any of us got," Taylor recalled Tuesday. "I heard it being read on CNN a few hours later."

Since Sunday, Taylor and a network of amateur radio operators across the country have received and transmitted 200 messages from Kauai inhabitants, 25 of which were handled by Taylor.

He's been operating his ham radio station between eight and 10 hours a day; during non-emergency periods, he's usually on the air about five hours daily.

A message to a man named Jacob in Puerto Rico from his wife read: "All well. Happy, but homeless."

The ham radio operator also has a personal involvement in the natural disaster — Taylor's in-laws were on Kauai when the hurricane hit. They found a ham radio operator who was able to broadcast the message of their safety out to mainland relatives, performing the same service he's offered to others.

"We had no idea until (Monday) whether our sister or brother-in-law were dead because they were in the hardest-hit areas," Taylor said.

A major part of being an amateur radio operator is the commitment to public service, Taylor said.

"We do much public service for the local authorities, as well as the official international authorities," he said. "And when there are disasters in Florida, Mexico City, Hawaii, it's always the hams who are there first because they're the only ones who have equipment they can move around."

San Ramon Valley Times—

Thursday, September 17, 1992

Rocky Ridge Repeater Group Regular Meeting September 16, 1992

The regular meeting was called to order at 8:00 PM by chairman Paul Girard.

Minutes were approved as published in the Carrier and special guest, Kate Henton from the FCC was introduced. Kate spoke on the subject of jammers and the FCC's position on enforcement. She said the national policy is that the FCC local field office has a local Amateur Auxiliary agreement. The ARRL is the local auxiliary of which they have a "Official Observer Program". Jamming is reported to the Official Observer. If the O.O. needs help he reports to the FCC. FCC action is not taken on information supplied to them from individuals. She says when you have problems with a jammer, cooperate with your local O.O. Fines for jamming can be a maximum of \$ 10,000 per day per infraction to a maximum total of \$75,000. On FCC local staff size, she said that eight staff members cover most of the bay area up to the Oregon border. Along with monitoring, they give exams, respond to "safety interference", regulate computers and oversee 360 commercial broadcast stations. She said the list goes on and the staff is spread thin.

Carson Taylor, K6TI, was introduced and is the local ARRL Official Observer Coordinator. He stated the FCC has cooperated with him whole heartily.

Chairman Girard personally put up a \$100.00 reward for the apprehension, and a citation being issued to the present jammer.

Keith Lattin, N6PMF, presented the technical report. He acknowledged reports of interference on the 2 meter repeater in the San Ramon valley from nearby systems. Members were asked what they would like the club's repeater system to do. Voting on 2 meters was mentioned. The new ATV controller will be on line for PACIFICON '92 and the ATV link-up to Hawaii looks good. Tim Barret, WB9BIV, has loaned his new special affect titler for use at PACIFICON. Keith stated a one watt transmitter can access the new ATV system. The chairman emphasized strict adherence to the club's dress code to have everyone look sharp on PACIFICON '92 ATV. Also mentioned was a four channel digipeter (node), with automatic scan, to connect the counties four BBS's. It will act as a extender for members to access their local BBS's.

Jay Caldis, KT6Y, club trustee, announced that the autodialer (slots) has been turned off. The telephone patch remains active. He mentioned after PACIFICON, all codes will be changed with members being notified by mail. Autoslot will be On line after PACIFICON '92.

The chairman requested that when members use the autopatch to give their call sign clearly at the beginning and again at sign-off.

Pete Smith, KD6LNV, inquired on what type of information is helpful when hearing a jammer. The response was to write down where you are, change to the input frequency for signal strength, try to determine signal direction and record the time of day.

Tres. Norma Davis, N6EJZ, reported a bank balance of \$4808.91 with all bills paid. It was announced that the clubs bank account will be moved from Sanwa Bank to Great Western. A minimum balance will be kept in checking to prevent a service charge, while the remainder will be put in a preferred money market account, to gain interest.

At 9:19 PM the chairman made new member introductions with fifteen candidates applying. Two motions were made, and seconded, to induct lawyers and retired PG & E candidates into the club separately. Both motions were passed unanimously with all candidates being accepted at 9:35 PM. New members are:

Jeff Burton, N1DQP	Jacque Pillon, KD6NDS
Harvey Casson, KM6AH	John Ronan, K3ZJJ
Manuel Cendjas, KD6DEY	Elayne Smith, WA6TEZ
Andrew Coy, KD6LNS	Robert Syms, KD6KGZ
Bob Dart, N6VOL	Dave Thompson, KA6NCC
Terry H. Dearborn, W6HPC	Richard Tomsik, KJ6YE
Harry Gilbert, N6IT	Loren Woolf, N6AYU
Jim Larrowe, N6ZQB	

The dues of Joe Donovan were returned.

It was announced that at the next meeting nominations would be open for elected officers. There was no old business.

At 9:37 PM the chairman asked for member comments. It was mentioned there will be no RRRG club directory. Members should use the MDARC membership directory. There was mention of the Hurricane on Kauai with a member stating the need for canned goods and manual can openers. Richard Shappee, WA5HQJ, announced the up-coming MDARC club auction and the need for volunteers to work PACIFICON '92 talk-in.

New business. Dwayne Eskridge, W6LKE, long time MDARC member, was reported in intensive care at John Muir Hospital after suffering a stroke.

The meeting was adjourned at 9:48 PM.

Kent Barham, KD6JAC, Secty.

CONTRA COSTA COUNTY A.R.E.S. ACTION!

This is a report on our response to a call on Thursday, Sept 10, for assistance in finding two missing children.

During the Mt. Diablo Amateur Radio Club weekly net on the two-meter repeater, Chief Jerry Boyd (KG6LF) of the Martinez Police Department, broke in to ask Bert Dawson (KB7BGM), A.R.E.S. assistant emergency coordinator for the City of Martinez, to meet him on a 440 repeater to assist in a special police operation. On the 440 "command" repeater, he explained that two boys, both age nine, had been missing for more than eight hours. The police had known about it for about three hours.

Chief Boyd asked to have a number of amateur operators come to their field command post on Morello Avenue in Martinez for briefing and deployment on a search. Bert then returned to the club repeater and broke into the net to announce that help was needed. Available operators were asked to report to net control on the two-meter R.A.C.E.S. repeater. In just 30 minutes or so, enough operators had arrived at the command post to completely staff the Chief's tentative search plan.

Map copies showing the individual search territory assignments along with Xerox copies of the boys photographs and descriptions were all ready to be handed out when a pickup truck pulled up with the missing boys riding in the back. It was reported to have been driven by a relative of the boys who had

in Concord. It was unofficially reported that the boys had been found there, which was a few miles from the point of their disappearance and not in any of the targeted search areas.

The following operators responded to the command post:

Jim Brunk, N6BHX, Martinez
Paul Girard, KC6TZU, Concord
Pete Smith, KD6LNV, Concord
Rob Syms, KD6KGZ, San Ramon
Don Smith, W6NKF, Martinez
Bill Brimmer, N6LZM, Pleasant Hill
Jason Keeley, KD6LUC,
Dan MacDonagh, AA6DO, Martinez
John McDonald, (not licensed)
Martinez

The following were assisting us from their home stations by making telephone calls, etc.:

Jean Brunk, N6LGE, Martinez
Paul Mason, WA6EUZ

John McDonald came with Bert to drive the car so it would be easier for Bert to operate. He was very impressed with what he saw and the following week he started attending the novice/technician classes given by the Mt. Diablo Amateur Radio Club. He also got a friend to go to the class with him.

Bert Dawson, KB7BGM

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

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In Downtown Concord between Willow Pass Rd. & Concord Blvd.



The Mount Diablo Amateur
Radio Club

P.O. Box 23222
Pleasant Hill, CA 94523

Meeting:

Third Friday Each Month
8:00 PM / 2000 hours

Our Savior Lutheran Church
1035 Carol Lane, Lafayette, CA

Club OfficersPresident:

Pete Tormey, N6QGN
(510) 680-0920

Vice President:

Richard Shappee, WA5HQJ
(510) 682-1644

Secretary:

Walter Ebbett, KB6QIB
(510) 837-2204

Treasurer:

Stan Christian, WU6P
(510) 672-0330

Emergency Coordinator:

Skip Slates, KC6JEM
(510) 944-9749

Directors:

Dick Brown, KT6X
(510) 676-9048

Larry Gansz, KB2GV
(510) 356-2411

Contra Costa County
ARES/RACES Nets

Thursdays, 1900 Hours
Central County - 145.680/s

James House, KA6IVF
(510) 372-0345

East County - 146.535/s

Bill Hall, KB9M
(510) 778-0977

South County - 146.355/(100 pl)

George Jones, KI6YK
(510) 837-9316

West County - 145.110/-

Robert Hughes, N6SPY
(510) 527-7048

QSY to 147.735/- at 1920 Hours
Meeting of all County
ARES\RACES Nets

The Rocky Ridge Repeater
Group

P.O. Box 23222
Pleasant Hill, CA 94523

Next Meeting:

Third Wednesday Of Odd Months
8:00 PM / 2000 hours

Contra Costa Fire College
2945 Treat Bld., Concord, CA

Club OfficersChairman:

Paul Girard, KC6TZU
(510) 689-2346

Technical Chairman:

Mike Burke, KB6RMT
(510) 682-7296

RRRG Repeaters

147.060/(+100 pl)

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441.325/(+100 pl)

RRRG Nets

Phone Net - Thursdays

1930 Hours, 147.060/(+100 pl)

Net Control: Jay Caldis, KT6Y

ATV Net - Thursdays

2000 Hours, Net Control:

Mike Burke, KB6RMT,

Alt.: Don Smith, W6NKF,

2nd Alt.: John Cunningham, KC6KIQ

Contra Costa County
Emergency Services HF Net

First Thursday following
first Wednesday,

2000 Hours, 3.895 MHz

Net Control:

Hank Berriman, W6ZHY, AEC

Carrier

Editor: Greydon H. Hicks, KC6SLE
(510) 798-1251

Folding: Jay Caldis, KT6Y

Mailing: Walt Ebbett, KB6QIB

Labels: George Jones, KI6YK

Sheriffs' Uniform Reserve

Clay Yale, N6YBQ

(510) 228-8223

CALENDAR OF EVENTS

Livermore Swapmeet	Las Positas College Livermore	First Sunday Each Month All Year, 7AM to Noon
MDARC General Membership Meeting	Our Savior Lutheran Church 1035 Carol Ln., Lafayette	October 9, 1992
Pacificon 1992	Concord Hilton Concord, CA	October 16 - 18, 1992
Deadline for November Carrier Articles	NA	November 1, 1992
RRRG General Membership Meeting	Contra Costa Fire College, 2945 Treat Blvd., Concord	November 18, 1992
MDARC General Membership Meeting	Our Savior Lutheran Church 1035 Carol Ln., Lafayette	November 20, 1992

The Carrier
a newsletter of the
Mount Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523



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